*Engineered Services uses **S4 Open: BACnet-N2 Routers** in Continuum Integration*

The Engineered Services team utilized the S4 Open: BACnet-N2 Router to enable the migration of legacy Metasys systems to an Andover Continuum environment. The ultimate goal is to eliminate the Metasys NCM supervisory controller and head end systems moving all head end functionality and services to Continuum.

A quick update on our integration, we now have all nine S4 Open: BACnet-N2 Routers installed. The routers are sending and receiving BACnet data to and from our Andover Continuum system. We have an average of 800 N2 points per router. We did not initially purchase the upstream N2 interfaces and cables knowing that the goal was to eliminate the legacy head end. When the project team realized the amount of logic, and services, that were being provided by the NCM we purchased the upstream interfaces and cables which enabled us to keep the NCMs in service in parallel to Continuum for a period of time as a transition strategy. This change provided us a very risk free way of generating the customer's new graphical environment and then phasing out the NCMs as their functions are replicated in the replacement system.

As you know, our system consisted mostly of custom JCI configurations so the standard templates included with the system did not meet our needs. We greatly appreciate S4 working so quickly to provide a solution and aiding us in creating custom device templates. With this level of customer support and a much needed product to make JCI systems open to outside systems, you should have people standing in line to buy your equipment.

Once we are fully commissioned and wrapped up we will provide you with more detailed information, including average polling and command response times and work with you on creating a formal case study.

Eric F. Knight

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